

What is claimed is:

1. A method of extending the functionality of a navigational control device comprising at least one logical button, said method comprising:
said logical button issuing a first command in a first context; and
said logical button issuing a second command in a second context.
2. The method of claim 1 wherein said first command is not the same as said second command, and wherein said first context is not the same as said second context.
3. The method of claim 1 further comprising said logical button issuing a third command in a third context.
4. The method of claim 3 wherein the command is to step.
5. The method of claim 3 wherein the command is to scroll.
6. The method of claim 3 wherein the command is to page.
7. The method of claim 3 wherein the command is to access.
8. The method of claim 3 wherein the command is to abstract.
9. The method of claim 1 further comprising said logical button issuing an nth command in an nth context.
10. A system implementing the method of claim 1.
11. A computer-readable medium having computer-readable instructions for implementing the method of method of claim 1.
12. A hardware control device for implementing the method of claim 1.
13. A hardware control device comprising at least one logical button, said logical button issuing a command when engaged by pressing, comprising:
means by which said logical button issues a first command in a first context; and
means by which said logical button issues a second command in a second context.

14. A method of extending the functionality of a navigational control device comprising at least one logical button, said logical button issuing a command when engaged by pressing, said method comprising:

mapping a substitute command to a logical button for when the button is engaged in a predetermined manner other than pressing; and

issuing the substitute command when the logical button is engaged in a predetermined manner other than pressing.

15. The method of claim 14 wherein, when the logical button is engaged in a predetermined manner other than pressing, the logical button is pressed twice within a predetermined timeframe to issue the substitute command.

16. The method of claim 14 wherein, when the logical button is engaged in a predetermined manner other than pressing, the logical button is pressed and held for a predetermined period of time to issue the substitute command.

17. A method of extending the functionality of a navigational control device comprising at least one logical button, said logical button issuing a command when engaged by rolling, said method comprising:

mapping a substitute command to a logical button for when the logical button is engaged in a predetermined manner other than rolling; and

issuing the substitute command when the logical button is engaged in a predetermined manner other than rolling.

18. The method of claim 17 wherein, when the logical button is engaged in a predetermined manner other than rolling, the logical button is flicked to issue the substitute command.

19. A method of extending the functionality of a navigational control device comprising at least one logical button, said logical button issuing a command when engaged by rocking, said method comprising:

mapping a substitute command to a logical button for when the logical button is engaged in a predetermined manner other than rocking; and

issuing the substitute command when the logical button is engaged in a predetermined manner other than rocking.

20. The method of claim 19 wherein, when the logical button is engaged in a predetermined manner other than rocking, the logical button is rocked and held to issue the substitute command.

21. A system for implementing the method of extending the functionality of a navigational control device comprising at least one logical button, said logical button issuing a command when engaged by pressing, said method comprising: /

mapping a substitute command to a logical button for when the button is engaged in a predetermined manner other than pressing; and

issuing the substitute command when the logical button is engaged in a predetermined manner other than pressing.

22. The system of claim 21 wherein, when the logical button is engaged in a predetermined manner other than pressing, the logical button is pressed twice within a predetermined timeframe to issue the substitute command.

23. The system of claim 21 wherein, when the logical button is engaged in a predetermined manner other than pressing, the logical button is pressed and held for a predetermined period of time to issue the substitute command.

24. A system for implementing the method of extending the functionality of a navigational control device comprising at least one logical button, said logical button issuing a command when engaged by rolling, said method comprising: /

mapping a substitute command to a logical button for when the logical button is engaged in a predetermined manner other than rolling; and

issuing the substitute command when the logical button is engaged in a predetermined manner other than rolling.

25. The system of claim 24 wherein, when the logical button is engaged in a predetermined manner other than rolling, the logical button is flicked to issue the substitute command.

26. A system for implementing the method of extending the functionality of a navigational control device comprising at least one logical button, said logical button issuing a command when engaged by rocking, said method comprising: /

mapping a substitute command to a logical button for when the logical button is engaged in a predetermined manner other than rocking; and

issuing the substitute command when the logical button is engaged in a predetermined manner other than rocking.

27. The system of claim 26 wherein, when the logical button is engaged in a predetermined manner other than rocking, the logical button is rocked and held to issue the substitute command.

28. A computer-readable medium having computer-readable instructions for a method of extending the functionality of a navigational control device comprising at least one logical button, said logical button issuing a command when engaged by pressing, said method comprising:

mapping a substitute command to a logical button for when the button is engaged in a predetermined manner other than pressing; and

issuing the substitute command when the logical button is engaged in a predetermined manner other than pressing.

29. The computer-readable instructions of claim 28 wherein, when the logical button is engaged in a predetermined manner other than pressing, the logical button is pressed twice within a predetermined timeframe to issue the substitute command.

30. The computer-readable instructions of claim 28 wherein, when the logical button is engaged in a predetermined manner other than pressing, the logical button is pressed and held for a predetermined period of time to issue the substitute command.

31. A computer-readable medium having computer-readable instructions for a method of extending the functionality of a navigational control device comprising at least one logical button, said logical button issuing a command when engaged by rolling, said method comprising:

mapping a substitute command to a logical button for when the logical button is engaged in a predetermined manner other than rolling; and

issuing the substitute command when the logical button is engaged in a predetermined manner other than rolling.

32. The computer-readable instructions of claim 31 wherein, when the logical button is engaged in a predetermined manner other than rolling, the logical button is flicked to issue the substitute command.

33. A computer-readable medium having computer-readable instructions for a method of extending the functionality of a navigational control device comprising at least one logical button, said logical button issuing a command when engaged by rocking, said method comprising:

mapping a substitute command to a logical button for when the logical button is engaged in a predetermined manner other than rocking; and

issuing the substitute command when the logical button is engaged in a predetermined manner other than rocking.

34. The computer-readable instructions of claim 33 wherein, when the logical button is engaged in a predetermined manner other than rocking, the logical button is rocked and held to issue the substitute command.

35. A hardware control device for a method of extending the functionality of a navigational control device comprising at least one logical button, said logical button issuing a command when engaged by pressing, said method comprising:

mapping a substitute command to a logical button for when the button is engaged in a predetermined manner other than pressing; and

issuing the substitute command when the logical button is engaged in a predetermined manner other than pressing.

36. The hardware control device of claim 35 wherein, when the logical button is engaged in a predetermined manner other than pressing, the logical button is pressed twice within a predetermined timeframe to issue the substitute command.

37. The hardware control device of claim 35 wherein, when the logical button is engaged in a predetermined manner other than pressing, the logical button is pressed and held for a predetermined period of time to issue the substitute command.

38. A hardware control device comprising at least one logical button, said logical button issuing a command when engaged by pressing, comprising:

means for mapping a substitute command to a logical button for when the button is engaged in a predetermined manner other than pressing; and

means for issuing the substitute command when the logical button is engaged in a predetermined manner other than pressing.

39. A hardware control device for a method of extending the functionality of a navigational control device comprising at least one logical button, said logical button issuing a command when engaged by rolling, said method comprising:

mapping a substitute command to a logical button for when the logical button is engaged in a predetermined manner other than rolling; and

issuing the substitute command when the logical button is engaged in a predetermined manner other than rolling.

40. The hardware control device of claim 39 wherein, when the logical button is engaged in a predetermined manner other than rolling, the logical button is flicked to issue the substitute command.

41. A hardware control device comprising at least one logical button, said logical button issuing a command when engaged by rolling, comprising:

means for mapping a substitute command to a logical button for when the logical button is engaged in a predetermined manner other than rolling; and

means for issuing the substitute command when the logical button is engaged in a predetermined manner other than rolling.

42. A hardware control device for a method of extending the functionality of a navigational control device comprising at least one logical button, said logical button issuing a command when engaged by rocking, said method comprising:

mapping a substitute command to a logical button for when the logical button is engaged in a predetermined manner other than rocking; and

issuing the substitute command when the logical button is engaged in a predetermined manner other than rocking.

43. The hardware control device of claim 42 wherein, when the logical button is engaged in a predetermined manner other than rocking, the logical button is rocked and held to issue the substitute command.

44. A hardware control device comprising at least one logical button, said logical button issuing a command when engaged by rocking, said method comprising:

means for mapping a substitute command to a logical button for when the logical button is engaged in a predetermined manner other than rocking; and

means for issuing the substitute command when the logical button is engaged in a predetermined manner other than rocking.